



In Case You Missed It: **2019 Session Technology related bills**

*** denotes JCOTS recommended legislation

Passed:

HB 1636 Unmanned aircraft system; trespass, military airfield or military helicopter landing zone, penalty.

Chief patron: Knight

Summary as passed house:

Trespass; unmanned aircraft system; prohibited take off or landing; penalty.

Provides that any person who knowingly and intentionally causes an unmanned aircraft system to take off or land in violation of current Federal Aviation Administration Special Security Instructions or UAS Security Sensitive Airspace Restrictions is guilty of a Class 1 misdemeanor.

HB 2541 Telework Promotion and Broadband Assistance, Office of; and Broadband Advisory Council, expiration.

Chief patron: Byron

Summary as passed:

Office of Telework Promotion and Broadband Assistance; Broadband Advisory Council; expiration. Extends the expiration of the Office of Telework Promotion and Broadband Assistance from July 1, 2019, to July 1, 2021. The bill also repeals the expiration of the Broadband Advisory Council, and alters and expands from 14 to 17 its total membership. This bill is identical to SB 1618.

SB 1255 Major Headquarters Workforce Grant Fund; created.

Chief patron: Ruff

Summary as introduced:

Major Headquarters Workforce Grant Fund. Creates the Major Headquarters Workforce Grant Fund. A qualified e-commerce company that makes a capital investment of at least \$2 billion in a major headquarters facility in Arlington County and that creates at least 25,000 new full-time jobs with an average annual wage of \$150,000 will be eligible for up to \$550 million in grants from the Fund. A qualified company may also be eligible for an additional \$200 million in grants for creating an additional 12,850 new full-time jobs. This bill is identical to HB 2356.



SB 1329 Major information technology project procurement; terms and conditions, etc.

Chief patron: Ruff

Summary as passed Senate:

Major information technology project procurement; terms and conditions; limitation of liability provisions. Requires, in any contract for a major information technology project, terms and conditions relating to the indemnification obligations and liability of a supplier to be reasonable and to not exceed in aggregate twice the value of the contract. The bill also provides that there is be no limitation on the liability of a supplier for (i) any intentional or willful misconduct, fraud, or recklessness of a supplier or any employee of a supplier or (ii) claims for bodily injury, including death, and damage to real property or tangible personal property resulting from the negligence of a supplier or any employee of a supplier. The bill provides an exception to such conditions where the Secretary of Administration approves a reasonable maximum alternative limitation of liability amount recommended by the Chief Information Officer of the Commonwealth based on a risk assessment showing exceptional risk to the Commonwealth. This bill is identical to HB 2324.

Failed:

HB 1755 Broadband services; prohibited features.

Chief Patron: Carter

Summary as introduced:

Broadband services; prohibited features. Prohibits a provider of broadband services from offering or renewing services to consumers within any locality in the Commonwealth in which certain media is throttled, blocked, or prioritized on the basis of its content, format, host address, or source.

01/24/19 House: Subcommittee recommends passing by indefinitely (7-Y 1-N)

02/05/19 House: Left in Commerce and Labor

*****HB 1900 Health Care Provider Credentials Data Solution Fund; created, blockchain technology.**

Chief patron: Davis

Summary as introduced:

Health Care Provider Credentials Data Solution Fund; blockchain technology. Establishes the Health Care Provider Credentials Data Solution Fund for the purpose of soliciting proofs of concept to establish or improve a system for the storage and accessing of health care provider credentials data, utilizing blockchain or a similar technology, to be maintained by the Department of Health Professions. The Fund authorizes the Secretary of Health to disburse matching funds on at least a one-to-one



basis to any person who demonstrates such proof of concept. This is a recommendation of the Joint Commission on Technology and Science.

02/01/19 House: Subcommittee recommends laying on the table (5-Y 2-N)

02/05/19 House: Left in Appropriations

HB 2031 Cyber centers of excellence; Department of Education to establish task force.

Chief patron: McGuire

Summary as introduced:

Department of Education; task force; cyber centers of excellence. Requires the Department of Education to establish and appoint members to a task force for the purpose of establishing a program and standards for the designation of any public middle school or high school in the Commonwealth as a cyber center of excellence. The bill requires such program and standards to, at minimum, (i) establish a competitive process by which local school boards may apply to the Department of Education to designate any middle school or high school in the local school division as a cyber center of excellence and (ii) require applicants to demonstrate the ability to (a) provide high-quality programs and curricula for the development of the computer skills of enrolled students, (b) identify enrolled students with an aptitude for such programs and curricula, and (c) assist such students in developing their computer skills in order to be better prepared to meet the Commonwealth's growing demand and unmet need for cybersecurity professionals. The bill requires the task force to create and distribute to each local school board guidelines, procedures, and best practices for applications for the designation of schools as cyber centers of excellence.

02/05/19 House: Left in Science and Technology

*****HB 2415 Business records; electronically registered on a blockchain self-authenticating document.**

Chief Patron: Davis

Summary as Introduced:

Business records electronically registered on a blockchain self-authenticating.

Creates a rebuttable presumption that a business record electronically registered on a blockchain is a self-authenticating document for certain facts. The bill provides that such presumption does not extend to the truthfulness, validity, or legal status of the contents of the fact or record. This bill is a recommendation of the Joint Commission on Technology and Science.

HB 2519 Virginia Information Technologies Agency; cybersecurity task force created.

Chief patron: Ayala

Summary as introduced:



Virginia Information Technologies Agency; cybersecurity task force created. Establishes a cybersecurity task force to assist the Chief Information Officer (CIO) of the Virginia Information Technologies Agency in developing policies, standards, and guidelines applicable to the Commonwealth's executive, legislative, and judicial branches and independent agencies for assessing security risks, determining the appropriate security measures, and performing security audits of government electronic information. The bill provides that the task force shall consist of representatives of the Chief Justice of the Supreme Court, representatives of the Joint Rules Committee of the General Assembly, the Director of the Division of Legislative Automated Systems or his designee, the Director of the Joint Legislative Audit and Review Commission or his designee, the Auditor of Public Accounts or his designee, and to any other agency head that the CIO may request to serve on or appoint a designee to serve on the task force. The bill also directs the task force to discuss and investigate any breaches in information technology security that have been experienced by any executive branch or independent agency, the legislative branch, or the judicial branch and make recommendations for strengthening the Commonwealth's cybersecurity measures. The bill requires the CIO to annually report to the Governor, the Secretary, and General Assembly on the work of the cybersecurity task force, including any recommendations made by the task force.
01/21/19 House: Passed by indefinitely in Science and Technology (12-Y 10-N)

HB 2534 VITA; required information security training program for state employees.

Chief patron: Ayala

Summary as introduced:

Virginia Information Technologies Agency; required information security training program for state employees. Requires the Chief Information Officer of the Virginia Information Technologies Agency (the CIO) to develop and annually update a curriculum and materials for training all state employees in information security awareness and in proper procedures for detecting, assessing, reporting, and addressing information security threats by November 1, 2019. The bill requires every state agency, beginning January 1, 2020, to provide annual information security training for each of its employees using the curriculum and materials developed by the CIO.

02/05/19 House: Left in Science and Technology

HB 2535 Digital services; protection for minors.

Chief patron: Ayala

Summary as introduced:

Digital services; protection for minors. Requires the operator of a digital service, which is defined as a website, online service, online application, or mobile application, to permit minors to remove, or to request and obtain removal of, content or information posted on a digital service. The measure prohibits an operator of a digital service directed to minors from marketing or advertising to minors specified products or services that minors are



prohibited from buying. The measure also prohibits marketing or advertising certain products on the basis of personal information specific to a minor or knowingly using, disclosing, compiling, or allowing a third party to do so. Violations are prohibited practices under the Virginia Consumer Protection Act. The measure has a delayed effective date of January 1, 2020.

02/05/19 House: Left in Science and Technology

HB2550/ SB 1651 Partnership for Innovation and Entrepreneurship Authority; increases membership, etc.

Chief patron: Howell

Summary as introduced:

Research and development in the Commonwealth. Creates the Partnership for Innovation and Entrepreneurship Authority (the Partnership) to oversee and support research and commercialization in the Commonwealth. The Partnership will be advised by an Investment Advisory Committee, an Entrepreneurship Advisory Committee, and a Research Advisory Committee. Existing grant, loan, and investment funds currently administered by the Innovation and Entrepreneurship Investment Authority and the Virginia Research Investment Committee would be consolidated under the Partnership. The bill repeals the existing Virginia Research Investment Committee.

02/24/19 House: Failed to pass in House

HB 2595 CIO; transition of web-based services for executive branch agencies to cloud-based server solutions.

Chief patron: Davis

Summary as introduced:

Chief Information Officer; transition of web-based services for executive branch agencies to cloud-based server solutions. Requires the Chief Information Officer of the Commonwealth, on or before November 30, 2019, to submit to the Governor and the Chair of the Joint Commission on Technology and Science a plan providing for the transition of web-based tier one services used by executive branch agencies, with some exceptions listed in the bill, from state servers to cloud-based server solutions by July 1, 2024.

02/05/19 House: Left in General Laws

Budget Items:

***Item 143 #2s (failed) SCHEV - Online Portal - Aviation and Aerospace Workforce and Education Programs

Second Year - FY2020 \$337,320



Explanation

This amendment provides \$337,320 GF in the second year to support the Virginia Space Grant Consortium to develop and manage an Online Portal that identifies aviation and aerospace education and workforce programs throughout the state. The portal would be an operational expense for the Consortium and an annual appropriation.